

ONKYO®

Audio/Video Products 2014-2015



New Dimensions in Sound



www.intl.onkyo.com



Experience the Extraordinary at Home


Dolby Atmos Introduces Dramatic Multiplex Sound to Home Theaters

With Dolby Atmos®, sound comes alive from all directions. This next-generation format combines channel-based and object-based audio to accurately place and move sound around and above the audience, creating a breathtakingly realistic sonic atmosphere. Dolby Atmos automatically scales to any home theater layout, with the full multidimensional effect unleashed through ceiling or Dolby Atmos-enabled height speakers. Whether you choose a full-scale 11-channel Onkyo A/V receiver engineered for Dolby Atmos sound or one of our Dolby Atmos-ready HTiB packages, you're guaranteed to feel every dimension exactly as the director intended.

Visit the Onkyo x Dolby Atmos Mini-Site at
www.onkyodolbyatmos.com
 for more information.




How it Works



The Audio Bed

Standard channel-based audio contains static elements (such as bass). This audio forms the "bed" upon which directional and localized sounds are built. The front, center, and surround speakers reproduce channel-based audio.


+



Sound Objects

Object-based sounds can be localized in a specific speaker, or panned around and above you in a multidimensional space. Dolby Atmos-enabled height or in-ceiling speakers reproduce sounds that originate from overhead.

↓



Dolby Atmos

With Dolby Atmos, the audio bed and sound objects combine to simulate what you might hear if you were in the center of the action and not observing it from a distance. Effects move naturally above and around the room, helping to bring the film to life.

Enjoying Dolby Atmos at Home



The Receiver

To experience Dolby Atmos sound, you need a compatible 2014-model Onkyo A/V receiver and one or more pairs of in-ceiling or Dolby-Atmos-compatible height speakers to augment your five-, seven-, or nine-channel speaker layout.



SKH-410 Speakers


If in-ceiling speakers are impractical, you can connect a pair of Dolby Atmos-enabled SKH-410 speakers to your receiver's height channels. Wall-mounted or placed on your floorstanding front speakers, the SKH-410s add a seamless plane of sound overhead.



HTiB and Dolby Atmos


You can set up for Dolby Atmos sound in one simple step with our 5.1.2-channel HT-S7705 home theater package. This HTiB system is ready to deliver Dolby Atmos right out of the box, yet it's as compact and convenient as a standard 5.1-channel home theater.

Recommended Speaker Setting




5.1.2-Channel

TX-NR636/737/838 receiver in 5.1.2-ch configuration including SKH-410 speakers



7.1.2-Channel

TX-NR1030 receiver in 7.1.2-ch configuration including SKH-410 speakers



9.1.2-Channel

TX-NR3030 receiver in 9.1.2-ch configuration including SKH-410 speakers

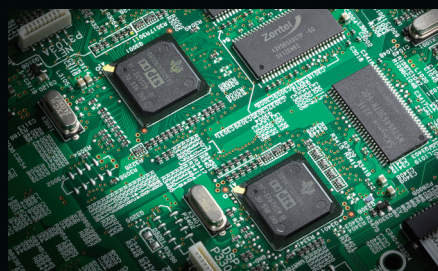


Emotion. Delivered.

We not only amplify sound, we amplify emotion. The cornerstone of the Onkyo amplification concept—perfected over our 65-year history—is high current. High current delivers dynamic, engaging sound that brings you closer to the art you love. That's our promise.

Bringing Hi-Res to Life

Our 2014-model network A/V receivers from the TX-NR636 and up pack double the processing power of conventional components with Dual 32-bit DSP Engines to decode Dolby Atmos®. Combined with premium D/A conversion technology from TI Burr-Brown, playback of all the most popular multichannel and stereo high-resolution formats including 5.6 MHz DSD and 192 kHz/24-bit FLAC is smooth and effortless.



High-Current Transformer

At the heart of our A/V receivers is a custom high-regulation transformer handcrafted to deliver a consistent flow of high current to the speakers. Our flagship models feature a massive high-output transformer with additional transformers for audio and video processing, while all high-end models feature completely separated amp and processing blocks to minimize interference.

Heavy-Duty Capacitance

Customized heavy-duty capacitors ensure an instantaneous response to big dynamic gains and the power to maintain perfect control of the speakers when impedance (and load on the system) fluctuates. This helps in the smooth and accurate reproduction of dynamically demanding film soundtracks.

Three-Stage Inverted Darlington Circuitry

Three-Stage Inverted Darlington Circuitry is the soul of a sound lovingly nurtured since 1946. The unique three-stage circuitry enhances time-proven Darlington topology to virtually eliminate distortion while preserving the power, life, and vitality of the recording. The discrete output stage boasts heavy-duty transistors to maintain clarity at THX® Theater Reference volumes.

Solid Aluminum Heat Sink

If the amplifiers get too hot, sound quality suffers. That's why we use a solid aluminum heat sink to keep our high-output components running cool. The result is consistently clear sound even at very high volume.



At the heart of the high-end TX-NR3030 are processing transformers, alloy heat sink, custom main transformer, and customized capacitors.

A/V RECEIVERS AND CONTROLLERS

TX-NR3030

11.2-Channel Network A/V Receiver

BLACK SILVER

New for 2014



TX-NR1030

9.2-Channel Network A/V Receiver

BLACK SILVER

New for 2014



THX SELECT2 PLUS UltraHD HDCP2.2
Wi-Fi CERTIFIED Bluetooth



THX SELECT2 PLUS UltraHD HDCP2.2
Wi-Fi CERTIFIED Bluetooth



Channels	11.2	9.2
Power Output	230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 185 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 185 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
THX® Certified	Select2™ Plus	Select2™ Plus
Dolby Atmos®	Onboard	Onboard
HDMI® 4K/60 Hz and HDCP 2.2 Compatibility	✓*2	✓*2
HDMI Inputs/Outputs	7 +1/3	7 +1/3
Pre-Out Channels	11.4 Multichannel, 18 mm-pitch RCA (L/R), Balanced XLR (L/R)	11.4 Multichannel, 18 mm-pitch RCA (L/R), Balanced XLR (L/R)
Multiple Transformers	✓	✓
Separate Amp and Processing Blocks	✓	✓
Digital-to-Analog Conversion	TI Burr-Brown 192 kHz/32-bit 2-Ch DAC (x 7)	TI Burr-Brown 192 kHz/24-bit 2-Ch DAC (x 7)
Three-Stage Inverted Darlington Circuitry	✓	✓
Surround Sound Formats	DTS Neo:X™, Dolby® TrueHD, DTS-HD Master Audio™	DTS Neo:X™, Dolby® TrueHD, DTS-HD Master Audio™
Room Calibration	AccuEQ	AccuEQ
Built-in Wi-Fi®	✓	✓
Built-in Bluetooth	✓	✓
Hi-Res Network Audio	✓	✓
Internet Radio and Music Streaming*3	✓	✓
4K Video Upscaling and Processing	✓	✓
ISF Video Calibration	✓	✓
MHL™ (Mobile High-Definition Link)	✓	✓
Pure Direct Analog Path	✓	✓
Phase-Matching Bass Boost	✓	✓
Zone 2 HDMI	✓	✓
Multi-Zone Audio Playback	Powered Zone 2/3, Zone 2/3 Pre/Line Outs	Powered Zone 2/3, Zone 2/3 Pre/Line Outs
USB Ports for Hi-Res Audio	1 (Front)	1 (Front)
Dimensions (W x H x D)	435 x 199 x 466.5 mm (259 mm Antennas Up)	435 x 199 x 466.5 mm (259 mm Antennas Up)
Weight	22.0 kg	20.5 kg
Others	<ul style="list-style-type: none"> • WRAT (Wide Range Amplifier Technology) • Dual 32-bit Digital Signal Processing Engines • PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology • InstaPreVue™ • Whole House Mode for Synchronized Housewide Audio • Phono Input (MM) • VGA Input (D-Sub, 15-pin), RS-232 Port, IR Input/Output, and 12 V Trigger Outs for Zone 2/3 • Hybrid Standby with HDMI Passthrough and Network Connectivity • Overlaid On-Screen Display (OSD) with Quick Set-Up and Home Menu • Bi-Directional, Preprogrammed, and Customizable RI Remote Control • Aluminum Front Panel and Volume Control Knob <p>11.4:RIECO</p>	<ul style="list-style-type: none"> • WRAT (Wide Range Amplifier Technology) • Dual 32-bit Digital Signal Processing Engines • PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology • InstaPreVue™ • Whole House Mode for Synchronized Housewide Audio • Phono Input (MM) • VGA Input (D-Sub 15-pin), RS-232 Port, IR Input/Output, and 12 V Trigger Outs for Zone 2/3 • Hybrid Standby with HDMI Passthrough and Network Connectivity • Overlaid On-Screen Display (OSD) with Quick Set-Up and Home Menu • Bi-Directional, Preprogrammed, and Customizable RI Remote Control • Aluminum Front Panel and Volume Control Knob <p>11.4:RIECO</p>

TX-NR838

7.2-Channel Network A/V Receiver

BLACK SILVER

New for 2014



PR-SC5530

11.2-Channel Network A/V Controller

BLACK

New for 2014



FRONT OPEN AND REAR PANEL

TX-NR3030



TX-NR1030



TX-NR838



PR-SC5530



7.2

215 W/Ch
(6 Ω, 1 kHz, 1 Channel Driven, JEITA)
180 W/Ch
(6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)

Select2™ Plus
Firmware Update

✓*1*2

6 +1/2

7.2 Multichannel

TI Burr-Brown 192 kHz/24-bit 8-Ch DAC

✓

Dolby® TrueHD, DTS-HD Master Audio™

AccuEQ

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

Powered Zone 2, Zone 2/3 Pre/Line Outs

1 (Front)

435 x 198.5 x 400 mm (261.2 mm Antennas Up)

15.5 kg

• WRAT (Wide Range Amplifier Technology) • Dual 32-bit Digital Signal Processing Engines • PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio • InstaPrevue™ • Whole House Mode for Synchronized Housewide Audio • Phono Input (MM) • IR Input, 12 V Trigger Out (Zone 2), and RS-232 Port • Hybrid Standby with HDMI Passthrough and Network Connectivity • Overlaid On-Screen Display (OSD) with Quick Set-Up and Home Menu • Preprogrammed RI (Remote Interactive) Remote Control • Aluminum Front Panel and Volume Control Knob



11.2 (Pre-Outs Only)

Ultra2™ Plus
Onboard

✓*2

7 +1/3

11.4 Multichannel, 18 mm-pitch RCA (L/R), 11.4-Channel
Balanced XLR Pre-Outs

✓

TI Burr-Brown 192 kHz/32-bit 2-Ch DAC (x 7)

DTS Neo:X™, Dolby® TrueHD,
DTS-HD Master Audio™

AccuEQ

✓

✓

✓

✓

✓

✓

✓

✓

✓

Zone 2/3 Pre/Line Outs

1 (Front)

435 x 199 x 461.5 mm (259 mm Antennas Up)

14.0 kg

• Dual 32-bit Digital Signal Processing Engines • InstaPrevue™ • Whole House Mode for Synchronized Housewide Audio • Phono Input (MM) for Turntable Connection • VGA Input (D-Sub, 15-pin), RS-232 Port, IR (2 Inputs/1 Output), and 12 V Triggers (3 Outputs) • Hybrid Standby with HDMI Passthrough and Network Connectivity • Overlaid On-Screen Display (OSD) with Quick Set-Up and Home Menu • Bi-Directional, Preprogrammed, and Customizable RI Remote Control • Aluminum Front Panel and Volume Control Knob



A/V RECEIVERS

TX-NR737

7.2-Channel Network A/V Receiver

BLACK **SILVER**

New for 2014



TX-NR636

7.2-Channel Network A/V Receiver

BLACK **SILVER**

New for 2014



THX UltraHD HDCP2.2



UltraHD HDCP2.2   Bluetooth



Channels	7.2	7.2
Power Output	185 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 170 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	175 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 160 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
THX® Certified	Select2™ Plus	
Dolby Atmos®	Firmware Update	Firmware Update
HDMI® 4K/60 Hz	✓*1	✓*1
HDMI Inputs/Outputs	6 +1/2	6 +1/2
HDCP 2.2 Compatibility	✓*2	✓*2
Digital-to-Analog Conversion	Ti Burr-Brown 192 kHz/24-bit 8-Ch DAC	Ti Burr-Brown 192 kHz/24-bit 8-Ch DAC
Three-Stage Inverted Darlington Circuitry	✓	L/R/C Channels
Surround Sound Formats	Dolby® TrueHD, DTS-HD Master Audio™	Dolby® TrueHD, DTS-HD Master Audio™
Room Calibration	AccuEQ	AccuEQ
Built-in Wi-Fi®	✓	✓
Built-in Bluetooth	✓	✓
Internet Radio and Music Streaming*3	✓	✓
Music Streaming and Control App	✓	✓
192 kHz/24-bit FLAC and DSD Playback	✓	✓
Music Optimizer Also for Bluetooth	✓	✓
4K Video Upscaling and Processing	✓	✓
InstaPrevue™	✓	✓
MHL™ (Mobile High-Definition Link)	✓	✓
Phase-Matching Bass Boost	✓	✓
Phono Input (MM)	✓	✓
Multi-Zone Audio Playback	Powered Zone 2, Zone 2/3 Line Outs	Powered Zone 2, Zone 2 Line Out
On-Screen Display via HDMI	Graphical User Interface	Graphical User Interface
USB Ports for Hi-Res Audio	1 (Front)	1 (Front)
Dimensions (W x H x D)	435 x 175 x 379 mm	435 x 173.5 x 329 mm
Weight	11.5 kg	10.5 kg
Others	<ul style="list-style-type: none">• WRAT (Wide Range Amplifier Technology) • Dual 32-bit Digital Signal Processing Engines • Hybrid Standby with HDMI Passthrough • 40 AM/FM Random Presets • Whole House Mode for Synchronized Housewide Audio • Advanced Music Optimizer to Improve Compressed Digital Audio Quality • Pure Audio Mode • Bi-Amping Capability for Front Channels • Firmware Updates via Ethernet and USB • Preprogrammed RI (Remote Interactive) Remote Control <div><div>HDMI</div><div>3D</div><div>dts-hd</div><div>QDEO</div><div>WRAT</div><div>192kHz/24bit</div><div>PMBASS</div><div>AccuEQ</div><div>ROOM CALIBRATION</div><div>NETWORK</div><div>DLNA</div><div>PANDORA</div><div>SPOTIFY</div><div>DEEZER</div><div>AUPEO/</div><div>+tunein</div><div>USB</div><div>RHID</div><div>RI</div><div>ECHO</div></div> <div><div>HDMI</div><div>3D</div><div>dts-hd</div><div>QDEO</div><div>WRAT</div><div>192kHz/24bit</div><div>PMBASS</div><div>AccuEQ</div><div>ROOM CALIBRATION</div><div>NETWORK</div><div>DLNA</div><div>PANDORA</div><div>SPOTIFY</div><div>DEEZER</div><div>AUPEO/</div><div>+tunein</div><div>USB</div><div>RHID</div><div>RI</div><div>ECHO</div></div>	<ul style="list-style-type: none">• WRAT (Wide Range Amplifier Technology) • Dual 32-bit Digital Signal Processing Engines • H.C.P.S. (High Current Power Supply) Massive High Power Transformer • Hybrid Standby with HDMI Passthrough • 4 DSP Modes for Gaming • Advanced Music Optimizer to Improve Compressed Digital Audio Quality • Pure Audio Mode • Bi-Amping Capability for Front Channels • Firmware Updates via Ethernet and USB • Preprogrammed RI (Remote Interactive) Remote Control <div><div>HDMI</div><div>3D</div><div>dts-hd</div><div>QDEO</div><div>WRAT</div><div>CINEMA FILTER</div><div>192kHz/24bit</div><div>PMBASS</div><div>AccuEQ</div><div>ROOM CALIBRATION</div><div>NETWORK</div><div>DLNA</div><div>PANDORA</div><div>SPOTIFY</div><div>DEEZER</div><div>AUPEO/</div><div>+tunein</div><div>USB</div><div>RHID</div><div>RI</div><div>ECHO</div></div> <div><div>HDMI</div><div>3D</div><div>dts-hd</div><div>QDEO</div><div>WRAT</div><div>CINEMA FILTER</div><div>192kHz/24bit</div><div>PMBASS</div><div>AccuEQ</div><div>ROOM CALIBRATION</div><div>NETWORK</div><div>DLNA</div><div>PANDORA</div><div>SPOTIFY</div><div>DEEZER</div><div>AUPEO/</div><div>+tunein</div><div>USB</div><div>RHID</div><div>RI</div><div>ECHO</div></div>

TX-NR535

5.2-Channel Network A/V Receiver

BLACK | SILVER

New for 2014



UltraHD | Wi-Fi CERTIFIED | Bluetooth



5.2

120 W/Ch
(6 Ω , 1 kHz, 1 Channel Driven, JEITA)
100 W/Ch
(6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC)

✓

6/1

TI Burr-Brown 192 kHz/24-bit 8-Ch DAC

Dolby® TrueHD, DTS-HD Master Audio™

AccuEQ

✓

✓

✓

✓

✓

✓

✓

Zone 2 Line Out

Text

1 (Front)

435 x 150 x 329 mm

8.1 kg

• WRAT (Wide Range Amplifier Technology) • H.C.P.S. (High Current Power Supply) Massive High Power Transformer • 32-bit Digital Signal Processing Chip • Hybrid Standby with HDMI Passthrough • Theater-Dimensional Virtual Surround Function • Advanced Music Optimizer to Improve Compressed Digital Audio Quality • Pure Audio Mode • 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG • Firmware Updates via Ethernet and USB • Preprogrammed RI (Remote Interactive) Remote Control



TX-SR333

5.1-Channel Home Theater Receiver

BLACK | SILVER

New for 2014



UltraHD | Bluetooth



5.1

120 W/Ch
(6 Ω , 1 kHz, 1 Channel Driven, JEITA)
100 W/Ch
(6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC)

✓

6/1

TI Burr-Brown 192 kHz/24-bit DAC

Dolby® TrueHD, DTS-HD Master Audio™

✓

Via USB

✓

✓

✓

Zone 2 Line Out

Text

1 (Rear)

435 x 150 x 321 mm

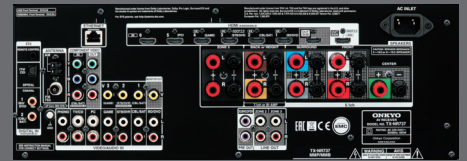
8.1 kg

• WRAT (Wide Range Amplifier Technology) • H.C.P.S. (High Current Power Supply) Massive High Power Transformer • Discrete Output Stage Circuitry • 32-bit Digital Signal Processing Chip • Hybrid Standby with HDMI Passthrough • Theater-Dimensional Virtual Surround Function • Advanced Music Optimizer to Improve Compressed Digital Audio Quality • Pure Audio Mode • 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG • Full-Function Remote Control



REAR PANEL

TX-NR737



TX-NR636



TX-NR535



TX-SR333



TX-NR5010

9.2-Channel Network A/V Receiver



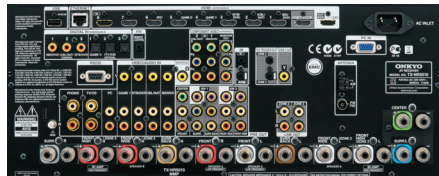
BLACK SILVER

THX ULTRA 2 PLUS 4K



HDMI 3D DOLBY DIGITAL DOLBY DIGITAL PLUS DTS DTS-HD DTS-HD MASTER AUDIO HQV ISF QDEO
VLS LSC WAT MHL 1024x2048 3D NETWORK dlna last.fm
Spotify AUPEO vTuner USB RIHD R1 ECO iPod iPhone

- 280 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) • THX® Ultra2™ Plus Certified
- Massive Toroidal Transformer and Two Separate Transformers for Audio and Video Processing
- Anti-Vibration Construction with Separate Aluminum Side Panels • 9 HDMI® Inputs and 2 Outputs Including Zone 2 HDMI • High-Quality HQV® Video Processor • 7 x TI Burr-Brown 192 kHz/32-bit DACs • Three-Stage Inverted Darlington Circuitry on All Channels • Three-Zone Powered Audio and 11.4 Multichannel Pre-Outs
- Digital Processing Crossover Network for Improved Bi-Amping Performance • Gold-Plated HDMI, A/V, and Speaker Terminals



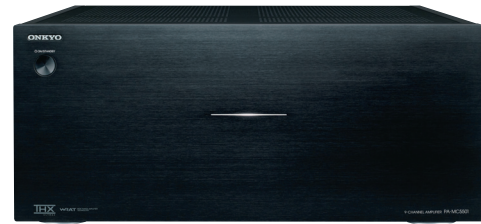
PA-MC5501

9-Channel Amplifier



BLACK

THX ULTRA 2



- 280 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) • THX® Ultra2™ Certified • Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • Massive Toroidal Transformer • Two Large, Customized 22,000 μ F Capacitors for Effective Power Supply
- Large, Custom-Designed Power Transistors • Flat, High-Rigidity, Anti-Resonant Chassis
- Gold-Plated XLR Inputs and Speaker Posts

BD-SP809

Blu-ray Disc Player



BLACK SILVER

THX



HDMI 3D DOLBY DIGITAL DTS DTS-HD DTS-HD MASTER AUDIO QDEO BD-LIVE BONUS VIEW dlna AVCHD DVD VIDEO USB MP3 WMA AAC

- THX® Certified • 2 HDMI® Outputs • 1080p Upscaling of Standard Video Sources with Qdeo™ Technology • Precision Clock for Optimal Timing of Digital Signals
- Ethernet Port for BD-Live, Firmware Updates, and Media Streaming via Home Network • Independent Circuit Blocks for Audio, Digital Video, and Analog Video to Reduce Electromagnetic Interference • Center-Mounted Drive Mechanism for Optimal Weight Balance



HT-S9700THX

7.1-Channel Network A/V Receiver/Speaker Package

New for 2014



BLACK DOLBY DIGITAL Hi-Res AUDIO THX ULTRAHD HDCP2.2 Wi-Fi CERTIFIED Bluetooth



Emotion Unleashed with THX® and Dolby Atmos®

HT-R993 7.2-Channel Network A/V Receiver

- 175 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) • THX® I/S Plus™ Certified for Theater-Reference Sound • Supports Dolby Atmos® Format for Exciting Multidimensional Sound • 4K/60 Hz-Capable HDMI® Terminals for Ultra HD Entertainment*1 • Supports HDCP 2.2 for Future 4K/Full HD Video Streaming and Broadcast*2 • 7 HDMI Inputs (1 Front with MHL™/6 Rear) and 2 Outputs • HDMI Video Upscaling to 4K with Qdeo™ Processing Technology by Marvell • Built-in Wi-Fi®-Certified Wireless LAN and Bluetooth Version 2.1 + EDR with Advanced Music Optimizer • AccuEQ Room Calibration with Mic for Clear and Balanced Sound • Powered Zone 2 and Zone 2 Line-Out for Distributed Audio Playback in Another Room • WHD: 435 x 173.5 x 329 mm • 10.0 kg

HTP-993 7.1-Channel Home Theater Speaker System

- SKF-980 2-Way Acoustic-Suspension Front Speakers • WHD: 158 x 433 x 199 mm • 5.3 kg
- SKC-980 2-Way Acoustic-Suspension Center Speaker • WHD: 433 x 158 x 199 mm • 5.3 kg
- SKR-980/SKB-980 2-Way Acoustic-Suspension Surround/Surround Back Speakers • WHD: 200 x 275 x 169 mm • 3.5 kg
- SKW-938 Acoustic-Suspension Powered Subwoofer • WHD: 380 x 444 x 429 mm • 15.5 kg

HDMI 3D DTS DTS-HD QDEO WAT 1024x2048 3D P/BASS ACCU-EQ ((DOLBY DIGITAL)) MHL NETWORK dlna PANDORA Spotify DEEZER AUPEO +tunein USB RIHD R1 ECO A-OMF

HT-S7705

5.1.2-Channel Network A/V Receiver/Speaker Package

New for 2014



BLACK DOLBY DIGITAL Hi-Res AUDIO UltraHD HDCP2.2 Wi-Fi CERTIFIED Bluetooth



One Simple Step to Dolby Atmos® Sound

HT-R693 7.2-Channel Network A/V Receiver

- 175 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) • Ready for Dolby Atmos® Multidimensional Sound • 4K/60 Hz-Capable HDMI® Terminals for Ultra HD Entertainment*1 • Supports HDCP 2.2 for Future 4K/Full HD Video Streaming and Broadcast*2 • 7 HDMI Inputs (1 Front with MHL™/6 Rear) and 2 Outputs • HDMI Video Upscaling to 4K with Qdeo™ Processing Technology by Marvell • Built-in Wi-Fi®-Certified Wireless LAN and Bluetooth Version 2.1 + EDR with Advanced Music Optimizer • Three-Stage Inverted Darlington Circuitry for Front and Center Channels • AccuEQ Room Calibration with Mic for Clear and Balanced Sound • Powered Zone 2 and Zone 2 Line-Out for Distributed Audio Playback in Another Room • WHD: 435 x 173.5 x 329 mm • 10.5 kg

HTP-678 5.1.2-Channel Home Theater Speaker System

- SKF-693 Dolby Atmos-Enabled 2-Way Bass Reflex Front Speakers/Full-Range Acoustic-Suspension Height Speakers • WHD: 155 x 467 x 183 mm • 3.6 kg
- SKC-591N 2-Way Bass Reflex Center Speaker • WHD: 420 x 115 x 119 mm • 2.4 kg
- SKR-590 Full-Range Acoustic-Suspension Surround Speakers • WHD: 115 x 230 x 96 mm • 1.0 kg
- SKW-658 Bass Reflex Powered Subwoofer • WHD: 230 x 425 x 410 mm • 7.7 kg

HDMI 3D DTS DTS-HD QDEO WAT 1024x2048 3D CENY/BAS ACCU-EQ ((DOLBY DIGITAL)) MHL NETWORK dlna PANDORA Spotify DEEZER AUPEO +tunein USB RIHD R1 ECO A-OMF

HT-S5700 5.1-Channel Network A/V Receiver/Speaker Package

New for 2014



BLACK



UltraHD



HT-S4505 5.1-Channel Home Theater Receiver/Speaker Package



BLACK



HT-S3705 5.1-Channel Home Theater Receiver/Speaker Package

New for 2014



BLACK

UltraHD



HT-S3700 5.1-Channel Home Theater Receiver/Speaker Package

New for 2014



BLACK

UltraHD



Sweet-Sounding Network Package with the Lot

HT-R593 5.1-Channel Network A/V Receiver

• 120 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) • 6 HDMI Inputs and 1 Output for 4K/60 Hz Ultra HD Entertainment • Built-in Wi-Fi®-Certified Wireless LAN Capability • Bluetooth Version 2.1 + EDR Capability with Advanced Music Optimizer • Internet Radio and Music Streaming Service Connectivity*1 • Supports Onkyo Remote Apps*2 • Play Hi-Res Audio via Local Network • AccuEQ Room Calibration with Mic for Clear and Balanced Sound • Input Source Preview with InstaPrevue™ Technology • WHD: 435 x 150 x 329 mm • 8.1 kg

HTP-593 5.1-Channel Home Theater Speaker System

SKF-591 2-Way Bass Reflex Front Speakers • WHD: 155 x 378 x 169 mm • 2.6 kg
SKC-591 2-Way Bass Reflex Center Speaker • WHD: 420 x 115 x 119 mm • 2.4 kg
SKR-590 Full-Range Acoustic Suspension Surround Speakers • WHD: 115 x 230 x 96 mm • 1.0 kg
SKW-591 Bass Reflex Powered Subwoofer • WHD: 317.5 x 468 x 398 mm • 9.1 kg



Where Audio Quality, Convenience, and Value Meet

HT-R558 5.1-Channel Home Theater Receiver

• 120 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) • 4 HDMI Inputs and 1 Output • Dolby® TrueHD and DTS-HD Master Audio™ Decoding • Direct Digital Connection of iPod/iPhone via Front-Panel USB Port • WRAT (Wide Range Amplifier Technology) • Discrete Output Stage Circuitry • Overlaid On-Screen Display (OSD) via HDMI • WHD: 435 x 150 x 318 mm • 7.8 kg

HTP-558 5.1-Channel Home Theater Speaker System

SKF-558 Full-Range Bass Reflex Front Speakers • WHD: 101 x 175 x 116 mm • 0.7 kg
SKC-391C Full-Range Acoustic Suspension Center Speaker • WHD: 240 x 102 x 121 mm • 1.3 kg (SKC-391 Full-Range Bass Reflex Center Speaker • WHD: 240 x 102 x 121 mm • 0.8 kg)
SKR-558 Full-Range Bass Reflex Surround Speakers • WHD: 101 x 175 x 116 mm • 0.7 kg
SKW-558 Bass Reflex Powered Subwoofer • WHD: 211 x 425 x 391 mm • 6.1 kg



Compact, Stylish Home Theater with Bluetooth

HT-R393 5.1-Channel Home Theater Receiver

• 100 W/Ch (6 Ω , 1 kHz, 1% THD, 1 Channel Driven, IEC) • 6 HDMI Inputs and 1 Output for 4K/60 Hz Ultra HD Entertainment • Bluetooth Version 2.1 + EDR Capability with Advanced Music Optimizer • USB Port for Mass Storage Class USB Memory Playback of Lossless Audio • Zone 2 Line-Out for Distributed Audio Playback in Another Room • WHD: 435 x 150 x 321 mm • 8.1 kg

HTP-358 5.1-Channel Home Theater Speaker System

SKF-558 Full-Range Bass Reflex Front Speakers • WHD: 101 x 175 x 116 mm • 0.7 kg
SKC-391C Full-Range Bass Reflex Center Speaker • WHD: 240 x 102 x 121 mm • 0.8 kg
SKR-558 Full-Range Bass Reflex Surround Speakers • WHD: 101 x 175 x 116 mm • 0.7 kg
SKW-358 Bass Reflex Subwoofer • WHD: 211 x 425 x 381 mm • 5.5 kg



Authentic 5.1 Surround-Sound at an Affordable Price

HT-R393 5.1-Channel Home Theater Receiver

• 120 W/Ch (6 Ω , 1 kHz, 1 Channel Driven, JEITA) • 6 HDMI Inputs and 1 Output for 4K/60 Hz Ultra HD Entertainment • Bluetooth Version 2.1 + EDR Capability with Advanced Music Optimizer • USB Port for Mass Storage Class USB Memory Playback of Lossless Audio • Zone 2 Line-Out for Distributed Audio Playback in Another Room • WHD: 435 x 150 x 321 mm • 8.1 kg

HTP-391 5.1-Channel Home Theater Speaker System

SKF-391 Full-Range Bass Reflex Front Speakers • WHD: 101 x 200 x 114 mm • 0.7 kg
SKC-391C Full-Range Acoustic Suspension Center Speaker • WHD: 240 x 102 x 121 mm • 1.3 kg
SKR-391 Full-Range Bass Reflex Surround Speakers • WHD: 101 x 200 x 114 mm • 0.7 kg
SKW-391 Bass Reflex Subwoofer • WHD: 295 x 345 x 368 mm • 6.4 kg



*1 Availability of services depends on region. Some services may require a paid subscription and firmware update. Availability of third-party services advertised here is accurate at the time of publication, but may be subject to change without notice.

*2 Onkyo Remote Apps compatibility: iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later; Android devices require Android OS Version 2.1 or later.

SKF-4800

2-Way Bass Reflex Speakers



BLACK

- 16 cm Cone Woofer x 2
- 2.5 cm Soft-Dome Tweeter
- Banana Plug-Compatible Speaker Posts • Woofer Equalizer Enables Fast and Accurate Response
- MDF Stabilizer to Minimize Vibration • Stylish Floor-Standing Design • Impedance: 6 Ω
- Max. Input Power: 130 W
- Frequency Response: 55 Hz–35 kHz
- WHD: 295 x 1024 x 305 mm
- 13.0 kg



SKS-4800

Center/Surround Speaker Package



BLACK



SKC-4800

2-Way Bass Reflex Center Speaker

- 8 cm Cone Woofer x 2 • 2.5 cm Balanced-Dome Tweeter • Magnetically Shielded
- Impedance: 6 Ω • Max. Input Power: 130 W
- Frequency Response: 65 Hz–50 kHz
- WHD: 372 x 125 x 110 mm • 2.3 kg

SKR-4800

Full-Range Acoustic-Suspension Surround Speakers

- 8 cm Cone • Wall-Mounting Capability
- Impedance: 6 Ω • Max. Input Power: 60 W
- Frequency Response: 80 Hz–18 kHz
- WHD: 117 x 180 x 100 mm • 0.9 kg

SKW-208

Bass Reflex Powered Subwoofer



BLACK

- Rated Output Power: 120 W Minimum Continuous Power (4 Ω , 100 Hz, Maximum 1%) • 25 cm Cone • Adjustable Crossover Frequency (50 Hz–200 Hz) • Phase Switch (0° or 180°)
- Output-Level Control • Line Input • Frequency Response: 25 Hz–200 Hz • WHD: 275 x 507 x 411 mm • 11.6 kg



D-509

Speaker System



BLACK

D-509E 3-Way Bass Reflex Speakers

- 13 cm A-OMF Monocoque Woofer x 2 • 13 cm N-OMF Mid-Range Driver • 3 cm Ring Tweeter • Bi-Wiring Connection Capability • Piano-Black Finish • Gold-Plated, Machined Banana-Plug Compatible Terminals • Detachable Anti-Vibration Spike Feet x 4
- WHD: 275 x 991 x 370 mm • 16.4 kg

D-509C 2-Way Acoustic-Suspension Center Speaker

- 13 cm N-OMF Woofer x 2 • 3 cm Ring Tweeter • Piano-Black Finish • Gold-Plated, Machined Banana-Plug Compatible Terminals • WHD: 500 x 164 x 176 mm • 5.9 kg

D-509M 2-Way Acoustic-Suspension Surround Speakers

- 13 cm N-OMF Woofer • 3 cm Ring Tweeter • Piano-Black Finish • Gold-Plated, Machined Banana-Plug Compatible Terminals • WHD: 164 x 280 x 187 mm • 3.5 kg

SKS-HT890

5.1-Channel Home Theater Speaker System



BLACK



SKS-HT728

5.1-Channel Home Theater Speaker System



BLACK



SKF-890 2-Way Bass Reflex Front Speakers

- 8 cm Cone Woofer x 2 • 2.5 cm Balanced-Dome Tweeter • Gloss-Finished Top and Front Panels • WHD: 262 x 1050 x 262 mm • 5.2 kg

SKC-548 Full-Range Acoustic-Suspension Center Speaker

- 8 cm Cone Woofer • Magnetically Shielded • WHD: 230 x 103 x 115 mm • 0.9 kg

SKR-548 Full-Range Bass Reflex Surround Speakers

- 8 cm Cone • WHD: 101 x 161 x 115 mm • 0.7 kg

All Speakers feature an impedance of 6 Ω and color-coded speaker terminals and cable.

SKW-501E Bass Reflex Powered Subwoofer

- 20 cm Cone • Rated Output Power: 80 W (Minimum Continuous Power, 4 Ω , 100 Hz, 1%, IEC)
- Down-Firing • Gloss-Finished • WHD: 230 x 425 x 412 mm • 9.1 kg

SKF-770 Dual-Drive 2-Way Front Speakers

- 8 cm Cone Woofer x 2 • 2.5 cm Balanced-Dome Tweeter • WHD: 262 x 1050 x 262 mm • 5.2 kg

SKC-770 Dual-Drive 2-Way Center Speaker

- 8 cm Cone Woofer x 2 • 2.5 cm Balanced-Dome Tweeter • WHD: 430 x 115 x 121 mm • 2.2 kg

SKR-770 Full-Range Surround Speakers

- 8 cm Cone • WHD: 115 x 230 x 96 mm • 1.0 kg

All speakers feature an impedance of 6 Ω , maximum input power of 130 W, and all except the front speakers are wall-mountable.

SKW-770* Bass Reflex Powered Subwoofer

- 25 cm Cone • Rated Output Power: 120 W (Minimum Continuous Power, 4 Ω , 100 Hz, 1%, IEC) • Down-Firing • WHD: 275 x 507 x 411 mm • 11.6 kg



* SKW-770 also sold separately.

SKS-HT648

5.1-Channel Home Theater Speaker System

BLACK



SKF-648 2-Way Acoustic-Suspension Front Speakers

• 8 cm Cone Woofer • 2.5 cm Balanced-Dome Tweeter • Solid-Style, High-Density Speaker Cabinets • WHD: 102 x 170 x 105 mm • 1.0 kg

SKC-648 Dual-Drive 2-Way Center Speaker

• 8 cm Cone Woofer x 2 • 2.5 cm Balanced-Dome Tweeter • Solid-Style, High-Density Speaker Cabinet • WHD: 277 x 110 x 110 mm • 1.7 kg

SKR-648 Full-Range Acoustic-Suspension Surround Speakers

• 8 cm Cone • Solid-Style, High-Density Speaker Cabinets • WHD: 102 x 170 x 105 mm • 0.9 kg

All speakers feature an impedance of 6 Ω and maximum input power of 130 W.

SKW-501E Bass Reflex Powered Subwoofer

• 20 cm Cone • Down-Firing • Rated Output Power: 80 W (Minimum Continuous Power, 4 Ω , 100 Hz, 1%, IEC) • WHD: 230 x 425 x 412 mm • 9.1 kg

SKS-HT528

5.1-Channel Home Theater Speaker System

BLACK



SKF-528 Full-Range Bass Reflex Front Speakers

• 8 cm Cone Woofer • Max. Input Power: 120 W • Gloss-Finished • Magnetically Shielded • WHD: 101 x 175 x 116 mm • 0.7 kg

SKC-528 Full-Range Bass Reflex Center Speaker

• 8 cm Cone Woofer • Max. Input Power: 120 W • Gloss-Finished • Magnetically Shielded • WHD: 273 x 101 x 106 mm • 1.0 kg

SKR-528 Full-Range Bass Reflex Surround Speakers

• 8 cm Cone Woofer • Max. Input Power: 120 W • Gloss-Finished • Magnetically Shielded • WHD: 101 x 175 x 116 mm • 0.7 kg

All speakers feature gloss finish, an impedance of 6 Ω , color-coded speaker terminals and cable, and wall-mounting capability.

SKW-501 Bass Reflex Powered Subwoofer

• 20 cm Cone • Down-Firing • Rated Output Power: 80 W (Minimum Continuous Power, 4 Ω , 100 Hz, IEC) • WHD: 230 x 425 x 412 mm • 9.1 kg



SKH-410

Dolby Atmos®-Enabled Speaker System

New for 2014



BLACK

• Dedicated Dolby Atmos-Enabled Speakers • Dolby Atmos-Certified Special Network Inside • Position on an Existing Front Speaker (Such as Onkyo SKF-4800) or Wall-Mount to Enable Dolby Atmos Height Effects • 8 cm Cone Transducer • Wood Cabinet Construction • High-Grade Cloth Grilles • Quality Black Hairline Finish • Rated Input Power: 25 W • Maximum Input Power: 100 W • Includes Rubber Feet, 3 m Speaker Cables (x2), and Wall-Mount Kit • WHD: 120 x 155 x 153 mm • 1.2 kg



Dolby Atmos-enabled SKH-410 speakers in a 7.1.2-channel home theater

Core Technologies

WRAT (Wide Range Amp Technology)

WRAT incorporates a low-negative-feedback circuit design to extract full spectrum dynamics from any recording, resulting in a distinctively musical sound. Closed ground-loop circuits and discrete output transistors tame distortion, while High Instantaneous Current Capability draws on a deep reservoir of power to improve speaker control for accurate, dynamic sound.

WRAT
WIDE RANGE AMP TECHNOLOGY

Three-Stage Inverted Darlington Circuitry

Three-Stage Inverted Darlington Circuitry is a key enhancement to WRAT. Based on proven Darlington circuit topology, the exclusive inverted design is suited to high-energy applications where very low distortion is required.



Future-Ready with the Latest HDMI®

Add thunderous multichannel sound to your Ultra HD experience, with full support for 4K video and gaming at a breathtaking 60 frames per second.

UltraHD
HDMI

Supports HDCP 2.2 for 4K Streaming and TV

Selected models support the new HDCP 2.2 DRM copy-protection protocol to play next-generation video sources in native 4K resolution.

HDCP 2.2

High-Resolution Studio Master Surround-Sound

Experience the impact of studio-master sound with Dolby® TrueHD and DTS-HD Master Audio™ decoding from Blu-ray Disc, consoles, and media players.



Inbuilt Wi-Fi for Network Audio Streaming

Use the remote app to stream lossless audio from your mobile; Hi-Res FLAC, WAV, and Double DSD albums on network-attached devices; and music from internet services via Wi-Fi.



Bluetooth Technology Inside

Share music from Bluetooth-compatible devices instantly—just pair up and hit play. Compressed audio is enhanced by Advanced Music Optimizer for improved sound quality.



Remote Apps for iOS and Android Devices

Our remote app puts a range of streaming and control options in the palm of your hand. Adjust settings quickly and manage playback across your home.



Add AirPlay with Optional Dock

Connect the optional DS-A5 Dock for iPod, iPhone, and iPad to compatible Onkyo network A/V receivers to enable AirPlay wireless A/V streaming.



THX® Theater-Reference Sound

Our partnership with THX guarantees multiplex theater-reference volume in your listening space. With a THX-certified Onkyo receiver or home theater package, you can experience the movie exactly as its creators intended.



Premier Ultra HD Video Upscaling

Selected models include the industry's best upscaling technology to convert 480i/p video from DVD and legacy consoles to dazzling 1080p or 4K resolution.



AccuEQ Room Calibration

The quick and easy AccuEQ system analyzes speaker distances, output, crossovers, and frequency response to ensure clear and balanced surround-sound while enabling playback of 96 kHz Hi-Res formats without downsampling. The front channels are bypassed so your loudspeakers are able to reproduce stereo music more naturally, without DSP correction potentially altering the sound.



Pure Direct Analog Path

This mode prevents interference on analog signals by switching off all digital circuitry, allowing you to use the A/V receiver as a pure analog Hi-Fi amplifier—great for vinyl and SACD.

Whole-House Audio Distribution

Use the powered outputs on selected Onkyo A/V receivers to drive audio in up to three zones at once. Line outputs turn selected receivers into a sophisticated pre-amp and network media streamer when connected to an existing Hi-Fi.



Connect Your Smartphone with MHL™

The HDMI/MHL charging port on selected network receivers lets you watch HD video stored on smartphone, tablet, and other compatible devices.



Hassle-Free Video Switching

InstaPrevue™ technology makes switching between gaming consoles, Blu-ray Disc player, and cable TV much easier, offering thumbnail previews of available content connected via HDMI.



Phase-Matching Bass Boost

PM Bass controls the phase timing of different frequencies to preserve mid-range clarity while ensuring a powerful bass response at all volumes.



Hybrid Standby Saves Power

Hybrid Standby mode maintains HDMI and network connectivity while the receiver is powered down. This means you can watch TV and use your media players without turning on the receiver.



Envision Cinema

Envision Cinema



LS-T30 TV Speaker System

The Hi-Fi Soundbase Built for Big TVs

LS-T30 TV Speaker System

New for 2014



BLACK SILVER

- Advanced Digital Amplification for Clear and Dynamic Sound • Precision Speaker System with Four 6.5 cm Full-Range Drivers • Powerful 16 cm Down-Firing Subwoofer • Four Optimized Sound Modes (Surround/Stereo/Voice/Standard)
- Features DTS Studio Sound™ Technology • Bluetooth Wireless Audio Streaming Technology (Version 2.1 + EDR)
- Dolby® Digital Decoding from Blu-ray Disc, DVD, and HDTV Broadcast • Designed for Big-Screen TVs up to 70 Inches or 60 kg • Quick and Easy Single-Cable TV Connection (Digital Optical/Coaxial or Analog) • Easy System Control with TV Remote*1 • Strong and Solid MDF Construction with High Quality Finish • WHD: 905 x 95 x 400 mm • 10.4 kg

DOLBY DIGITAL DTS Studio Sound Bluetooth



Space-Saving Home Theater That's Easy to Use

LS-T10 TV Speaker System

BLACK SILVER

- AuraSphere Digital Signal Processing for Immersive 3D Sound • Six Powerful 7 cm Full-Range Drivers • Down-Firing 12 cm Subwoofer • Six-Channel Digital Amplification for Clear, Accurate Sound • Three Dedicated Sound Modes (Movie/Music/News) • Bluetooth Wireless Audio Streaming Technology (Version 2.1 + EDR) • Easy System Control with TV Remote*1 • WHD: 700 x 105 x 350 mm • 8.7 kg

AURASPHERE DOLBY DIGITAL DTS Studio Sound Bluetooth USB



Smart Design, Good Build, Great Sound

With over 65 years in the business, Onkyo knows what makes a great-sounding product. Efficient digital amplifiers, quality drivers, and solid construction combine to deliver clearer, more realistic sound for both the LS-T30 and LS-T10.



LS-T30

Easy Operation with Your TV Remote*1

Most TV sound systems require a separate remote controller to adjust the volume, and for young kids and older people, this can be a problem. Selected Onkyo products including the LS-T30 and LS-T10 are programmed to switch on automatically and respond to the volume commands of your regular TV remote.



Panoramic Sound with AuraSphere

AuraSphere Digital Signal Processing technology uses algorithms to manage driver output, equalization, and sound pressure levels, creating an immersive 3D surround effect from stereo sources. Unlike some DSP technologies, AuraSphere expands the sweet spot (the area directly in front of the TV where audio sounds best) to place the listener in the center of the action, wherever they're sitting. Note: AuraSphere is available on LS-B50, LS-B40, and LS-T10.





LS3100 Living Speaker System

Smart and Stylish System Creates a Sonic Panorama

LS3100 Living Speaker System



BLACK | WHITE

LAP-301 2.1-Channel Control Center

- Easy System Control with TV Remote*¹ (Auto Power On/Off, Volume) • Room-Filling Sound with SRS Technology • Features DTS Studio Sound™ Technology • Bluetooth Wireless Audio Streaming Technology (Version 2.1 + EDR) • Vocal Mode for Clearer Voice Reproduction
- 2 Digital Audio Inputs (Optical and Coaxial) • WHD: 187 x 32 x 120 mm • 0.3 kg

SLM-301 Full-Range Acoustic-Suspension Speakers

- 6.5 cm Cones x 2 • Detachable Speaker Stands for Greater Mounting Flexibility
- Wall Mountable • WHD: 169 x 78 x 108 mm (Horizontal), 169 x 111 x 133 mm (Horizontal, with Stand) • 0.7 kg

SLW-301 Wireless Subwoofer

- Powered Bass Reflex Design • 16 cm Cone • Max. Output Power: 50 W
- WHD: 261 x 337 x 269 mm • 5.8 kg

SRS • SRS • DOLBY DIGITAL • DTS • Bluetooth



Vertically Mounted



Upgrade to Smooth and Immersive 3D Sound

LS-B50 Soundbar System



BLACK

LB-401 Soundbar System

- AuraSphere Digital Signal Processing for Immersive 3D Sound • Powerful Two-Way Speaker System with Eight Precision Drivers • Bluetooth Wireless Audio Streaming Technology (Version 2.1 + EDR) • Three Dedicated Sound Modes (Movie/Music/News) • Easy System Control with TV Remote*¹ • Convenient Single-Cable TV Connection (Optical/Coaxial/Analog) • IR Flasher Forwards TV Remote Commands to System Components • WHD: 909 x 96.3 x 95.5 mm*² • 3.9 kg

SKW-B50 Wireless Subwoofer

- Powered Bass Reflex Design • 16 cm Cone • Down-Firing • Max. Output Power: 40 W
- WHD: 261 x 337 x 269 mm • 5.8 kg

AURASPHERE • DOLBY DIGITAL • Bluetooth • USB



Fill Your Room with Living Audio

LS-B40 Soundbar System



BLACK

- AuraSphere Digital Signal Processing for Immersive 3D Sound • Powerful Three-Way Speaker System with Eight Precision Drivers • Bluetooth Wireless Audio Streaming Technology (Version 2.1 + EDR) • Three Dedicated Sound Modes (Movie/Music/News) • Easy System Control with TV Remote*¹ • Convenient Single-Cable TV Connection (Optical/Coaxial/Analog) • IR Flasher Forwards TV Remote Commands to System Components • WHD: 909 x 96.3 x 95.5 mm*² • 3.9 kg

AURASPHERE • DOLBY DIGITAL • Bluetooth • USB



*1 The LS3100, LS-B50, and LS-B40 are preprogrammed with IR codes for nine major TV brands, including Funai, LG, Panasonic, Philips, Samsung, Sharp, Sony, Toshiba, and Vizio, with learning capability for other TV brands. *2 Height with speaker stand.

Engineered for Audio Perfection

P-3000R

Preamplifier



SILVER | BLACK

DIDRC **TP2** **32-bit** **USB** **RI**

- DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Separate Digital/Analog Circuitry • Separate Massive Transformers for Digital/Analog Circuitry (Toroidal Transformer for Analog Circuitry) • Separate Anti-Vibration Aluminum Panels • PLL Ultra-Low Jitter Technology • Separate TI Burr-Brown 192 kHz/32-bit DACs (PCM1795 x 2) • Independent Headphone Amplifier • Discrete Phono Equalizer (MM) • USB Device (C-Media CM6631) for 192 kHz/32-bit HD Audio from PC* • 5 Digital Inputs (Amphenol AES/EBU, 2 Optical, and 2 Coaxial) and 1 Output (Optical)

* Playback of PC audio requires dedicated software that can be downloaded from an Onkyo website.

Experience True Musicality from Compact Disc

C-7000R

Compact Disc Player



SILVER | BLACK

DIDRC **TP2** **32-bit** **DSD** **MP3** **WMA**

- DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Separate Digital/Analog Circuitry • Separate Massive Transformers for Digital and Analog Circuitry (Toroidal Transformer for Analog Circuitry) • Thermally Regulated High-Precision Clock • Silent Disc Mechanism with Solid Die-Cast Aluminum Tray • Separate Anti-Vibration Aluminum Panels • PLL Ultra-Low Jitter Technology • Separate TI Burr-Brown 192 kHz/24-bit DACs (PCM1792 x 2) • Pure Analog/Digital Mode • 3 Digital Outputs (Amphenol AES/EBU, Optical, and Coaxial)

Satisfy Your Desire for Reference Sound

M-5000R

Power Amplifier



SILVER | BLACK

AWRAT **32-bit** **DIDRC**

- Max. Power: 170 W/Ch (4 Ω , 1 kHz, 1%, 2 Channels Driven, IEC) • AWRAT (Advanced Wide Range Amplifier Technology) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Quad Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • Symmetrical Layout of L/R Channels • Two Massive Toroidal Transformers with Sub Transformer • Four Large 27,000 μ F Capacitors • Separate Anti-Vibration Aluminum Panels • Balanced XLR Input for Monaural Amplification in BTL Mode

Elite Integrated Amp Brings Your Music to Life

A-9000R

Integrated Stereo Amplifier



SILVER | BLACK

AWRAT **32-bit** **DIDRC** **TP2** **32-bit** **USB** **RI**

- 140 W/Ch (4 Ω , 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) • AWRAT (Advanced Wide Range Amplifier Technology) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Quad Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • 192 kHz/24-bit HD Audio Playback via USB (Asynchronous Transfer) • Separate Wolfson® 192 kHz/24-bit DACs (WM8742 x 2) • Four Large 18,000 μ F Capacitors • Four Amplifier Modes (Integrated Amp, Power Amp, Pre-Amp, Split Pre-Amp/Power Amp) • Discrete Phono Equalizer (MM/MC) • 4 Digital Inputs (1 Amphenol AES/EBU, 1 Optical, and 2 Coaxial)

A-9070

Integrated Stereo Amplifier



SILVER | BLACK

AWRAT **32-bit** **DIDRC** **TP2** **32-bit** **RI**

- 140 W/Ch (4 Ω , 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) • AWRAT (Advanced Wide Range Amplifier Technology) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Parallel Push-Pull Amplification Design with Three-Stage Inverted Darlington Circuitry • 192 kHz/24-bit HD Audio Playback via Coaxial Inputs • Separate Wolfson® 192 kHz/24-bit DACs (WM8742 x 2) • Four Large 15,000 μ F Capacitors • Four Amplifier Modes (Integrated Amp, Power Amp, Pre-Amp, Split Pre-Amp/Power Amp) • Discrete Phono Equalizer (MM/MC) • Independent Headphone Amplifier • 3 Digital Inputs (1 Optical and 2 Coaxial)

A-9050

Integrated Stereo Amplifier



SILVER | BLACK

DIDRC **AWRAT** **PMBASS** **TP2** **32-bit** **RI**

- 75 W/Ch (8 Ω , 1 kHz, 0.08%, 2 Channels Driven, IEC) • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Three-Stage Inverted Darlington Circuitry • WRAT (Wide Range Amplifier Technology) • Thick, Low-Impedance Copper Bus Bars • Two 10,000 μ F Capacitors • Wolfson® 192 kHz/24-bit DAC (WM8718) • Phase-Matching Bass Boost • 96 kHz/24-bit Capable Digital Audio Inputs (1 Optical and 2 Coaxial) • Phono Input (MM) • Gold-Plated RCA Terminals and Speaker Posts • 1.6 mm Full Flat Chassis

A-9030

Integrated Stereo Amplifier



SILVER | BLACK



- 65 W/Ch (8 Ω , 1 kHz, 0.08%, 2 Channels Driven, IEC) • Three-Stage Inverted Darlington Circuitry • WRAT (Wide Range Amplifier Technology) • Phase-Matching Bass Boost • High-Current Low-Impedance Drive • Thick, Low-Impedance Copper Bus Bars • Two 8,200 μ F Capacitors • Optimum Gain Volume Control • 1.6 mm Full Flat Chassis • 5 Analog Audio Inputs and 1 Output • Phono Input (MM) • Subwoofer Pre-Out • Speaker A/B Drive

AWRAT **PMBASS** **RI**

TX-8050

Network Stereo Receiver



SILVER BLACK



WAT NETWORK dlna R2 vTuner USB RI iPod iPhone

- 130 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC) • Discrete Amplifier Design with Massive EI Transformer • Two Large 8,200 μ F Capacitors • TI Aureus™ DSP Chip (DA830) for Network Audio and Digital Audio Processing • Direct Digital Connection of iPod/iPhone via Front-Panel USB Port • Internet Radio and Music Streaming Service Connectivity*1
- Supports Onkyo Remote App*2 • 4 Digital Audio Inputs (2 Optical and 2 Coaxial) • Zone 2 Pre-Outs for Distributed Audio Playback in Another Room • Phono Input (MM)

TX-8020

Stereo Receiver



SILVER BLACK



WAT RI

- 90 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC) • Discrete Amplifier Design with Massive EI Transformer • High-Current, Low-Impedance Drive • Compatible with the DS-A5 AirPlay RI Dock for iPod/iPhone/iPad • 3 Digital Audio Inputs (1 Optical and 2 Coaxial) • 5 Analog Audio Inputs and 1 Output • Phono Input (MM) • Speaker A/B Terminals • Subwoofer Pre-Out • Independent Bass, Treble, and Balance Controls

T-4030

DAB+/DAB/FM Tuner



SILVER BLACK



VLSC DAB+ DAB RI

- VLSC™ (Vector Linear Shaping Circuitry) • 40 DAB/DAB+ Presets • 40 FM Presets
- Digital Audio Outputs (Optical and Coaxial) • Analog Audio Output • FM Digital Output Capability • Wolfson® DAC (WM8718) • FM Mono Mode for Weak Signals • High-Rigidity, Anti-Resonant Chassis to Prevent Vibrations • Audiophile-Grade Capacitor • Automatic/Manual Tuning • Preset Station Naming (Up to Eight Characters) • RI (Remote Interactive) System Control • Battery-Free Memory Back-Up • WHD: 435 x 101.5 x 307 mm • 4.9 kg

C-7030

Compact Disc Player



SILVER BLACK



VLSC 192 kHz/24-bit MP3 WMA RI

- Plays Audio CD, CD-R, CD-RW, MP3 CD, and WMA CD • VLSC™ (Vector Linear Shaping Circuitry) for Pulse Noise Reduction • Precision Clock (± 10 ppm) • Wolfson® 192 kHz/24-bit DAC (WM8718) • Custom-Designed Massive EI Transformers • Differential Headphone Amplifier Circuitry • 25-Track Memory Playback • Random and Repeat Playback Function • 2 Digital Audio Outputs (Optical and Coaxial) • Analog Audio Output
- 1.6 mm-Thick Anti-Vibration Full-Flat Chassis

TX-8030

Stereo Receiver



SILVER BLACK



WAT RI

- 130 W/Ch (6 Ω , 1 kHz, 1%, 1 Channel Driven, IEC) • WRAT (Wide Range Amplifier Technology) • Discrete Amplifier Design with Massive EI Transformer • Two Large 8,200 μ F Capacitors • Universal Port for Onlyko Peripheral Devices • Zone 2 Pre-Outs for Distributed Audio Playback in Another Room • Audio L/R and Subwoofer Pre-Outs • Phono Input (MM) • Speaker A/B Drive • IR Input and Output • 40 FM/AM Random Presets
- Anti-Vibration Oval Chassis • Gold-Plated Audio and Video Terminals • Banana Plug-Compatible Speaker Posts

T-4070

Network Tuner



SILVER BLACK



DIDRC 192 kHz/24-bit NETWORK dlna R2 Spotify ALUPEO/ vTuner DAB+ USB RI iPod iPhone

- DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Internet Radio and Music Streaming Connectivity via Ethernet*1 • Streaming via AirPlay for iPod touch/iPhone/iPad • DLNA Version 1.5 Certification • Separate Wolfson® 192 kHz/24-bit DACs (WM8742 x 2) for L/R Channels • Direct Digital Connection of iPod/iPhone and Flash Memory Device via Front-Panel USB Port • Supports Onkyo Remote Apps for Control of Hi-Fi System via iPod touch/iPhone and Android Devices*2 • FM/AM/DAB+ Tuner • 3 Digital Audio Outputs (Amphenol AES/EBU, Optical, and Coaxial) • Machined, Gold-Plated RCA, AES/EBU, and Coaxial Terminals • WHD: 435 x 100 x 306.7 mm • 5.8 kg

C-7070

Compact Disc Player



SILVER BLACK



DIDRC 192 kHz/24-bit MP3 WMA USB RI iPod iPhone

- Plays Audio CD, CD-R, CD-RW, MP3 CD, and WMA CD • DIDRC (Dynamic Intermodulation Distortion Reduction Circuitry) • Precision Clock (± 10 ppm) • Separate Wolfson® 192 kHz/24-bit DACs (WM8742 x 2) for L/R Channels • Silent Disc Mechanism with Solid Die-Cast Aluminum Tray • New Circuit Board Construction to Reduce Vibration
- Independent Headphone Amplifier • Direct Digital Connection of iPod/iPhone and Flash Memory Devices via Front-Panel USB Port • 2 Digital Outputs (Optical and Coaxial)
- Machined, Gold-Plated Audio Terminals

DX-C390

6-Disc CD Carousel Changer



BLACK SILVER



DLSC VLSC 192 kHz/24-bit VQA DUAL DIRECT DIGITAL PATH MP3 RI

- Plays Audio CDs, MP3-Encoded CDs, CD-R/RWs • VLSC™ (Vector Linear Shaping Circuitry) • VQA (Vector Quantizer Audio) Conversion Technology • Change up to 5 Discs During Play
- 192 kHz/24-bit Audio DAC • Direct Digital Path • 2 Digital Outputs (Optical and Coaxial)
- Next Selection Function • Brushed Hairline Aluminum Front Panel
- WHD: 435 x 131 x 432 mm • 6.9 kg

*1 Availability of services depends on region. Some services may require a paid subscription and firmware update. Availability of third-party services advertised here is accurate at the time of publication, but may be subject to change without notice.
*2 Onkyo Remote Apps compatibility: iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later; Android devices require Android OS Version 2.1 or later.

colibrino



Hear More, Feel More with Onkyo Wireless Hi-Fi

CS-265 CD Hi-Fi Mini System

New for 2014

WHITE BLACK RED LIGHT BLUE YELLOW



CR-265 CD Receiver

- 20 W/Ch (6 Ω, 1 kHz, 10% THD, 2 Channels Driven, IEC) • Efficient Digital Amplifier for Clear and Balanced Stereo Sound • Bluetooth Version 4.0 for Mobiles, Tablets, and PCs
- Quick and Convenient NFC Connection for Bluetooth Streaming (NFC-Compatible Devices Only) • Plays Audio CD, CD-R, CD-RW, and MP3-Encoded CD • Front-Panel USB Port for iPod/iPhone/iPad and USB Flash Drives • FM Tuning with 30 Presets
- 2-Mode Super Bass Function • WHD: 215 x 99 x 273 mm • 1.9 kg

D-T25 2-Way Bass Reflex Speakers

- 10 cm Cone Woofer • 2.0 cm Balanced-Dome Tweeter • Non-Parallel Sides to Prevent Internal Standing Waves • Magnetically Shielded
- WHD: 130 x 210 x 176 mm • 1.7 kg

COMPACT DIGITAL AUDIO MP3 USB NFC Bluetooth

iPod iPhone iPad

CS-265DAB

New for 2014

CD Hi-Fi Mini System with Built-In DAB+ Tuner

WHITE



COMPACT DIGITAL AUDIO MP3 USB NFC Bluetooth

iPod iPhone iPad

CS-1045

CD Hi-Fi Mini System

SILVER BLACK



Silver

Black

R-1045 Stereo Receiver

- 85 W/Ch (4 Ω, 1 kHz, 1 Channel Driven, JEITA) • Massive Power Transformer • Burr-Brown 192 kHz/24-bit DAC (PCM1796) • Direct Digital Connection of iPod/iPhone via USB • Digital Audio Inputs (Optical and Coaxial) • Subwoofer Pre-Out
- WHD: 275 x 83 x 311 mm • 5.7 kg

C-1045 CD Player

- Plays Audio CD, CD-R, and CD-RW • Plays MP3 and WMA Formats • Wolfson® Stereo DAC (WM8718) • Digital Audio Output (Coaxial) • Precision Clock
- WHD: 275 x 83 x 282 mm • 3.4 kg

D-145 2-Way Bass Reflex Speakers

- 12 cm OMF Diaphragm Woofer • 2.5 cm Soft-Dome Tweeter • Center-Mounted Equalizer on Woofer • V-Line Edge and High-Linearity Damper
- WHD: 170 x 283 x 230 mm • 3.7 kg

VLSC TDS 24-bit DIGITAL AUDIO MP3 WMA

USB RI CMF iPod iPhone



UWF-1

Wireless LAN Adapter

BLACK



- Provides Wireless Link to Network-Capable Onkyo A/V Receivers and Stereo Receivers • Connects Directly to Receiver via USB • Direct Audio Streaming via Wireless Router
- 2.4 GHz Wireless Transmission Frequency
- WHD: 29.8 x 8.4 x 17.0 mm • 3.4 g

Note: The UWF-1 is compatible only with Onkyo receivers and does not connect directly with PCs. For more information, please visit the Onkyo website (www.onkyo.com).

USB 11n/b/g

The Future in High Resolution

Hi-Res audio gives you fresh insight into music, revealing layers and textures you never knew existed. Onkyo engineers its products from the ground up to exploit Hi-Res formats to their fullest potential. And we make it easier to cue and enjoy, whether you're at home or out on the road. Because when music's this good, you have to go where it takes you.



Direct-Digital Hi-Res Audio for iOS and Android Devices

DAC-HA200

D/A Converter and Headphone Amplifier

New for 2014



BLACK



MUSES 8920 Op-Amp

Made for iPod iPhone iPad

- Portable High-Resolution Digital-to-Analog Converter and Headphone Amplifier for iOS Devices*1 with Lightning Connector and AOA 2.0-Compliant Android Devices*2 via USB A-type Input
- Asynchronous High-Resolution D/A Converter for PC, Mac, and Android via USB with High-Precision Clock to Reduce Jitter and Digital Noise*3
- Free Access to HD Player Pack When Connected to iOS Devices via USB (Onkyo HF Player App Must Be Installed)
- 96 kHz/24-bit-Capable Optical Input Supports Digital Audio from Compatible Devices
- TI Burr-Brown PCM5102 DAC for Clear and Accurate Sound
- MUSES 8920 Op-Amp with Discrete Low-Distortion Push-Pull Output Circuitry
- High Output Power and Selectable Two-Stage Gain for 8-600 Ω Headphones
- Up to Approx. 11 Hours Battery Life (via Audio IN) with 8-Hour Recharging via Supplied USB-A/DC Input Cable
- WHD: 64 x 21.7 x 112 mm • 210 g

*1 Certified for iPhone 5s, iPhone 5c, iPhone 5, iPad Retina (4th Generation), iPad Air, iPad mini, iPad mini Retina, and iPod touch (5th Generation). *2 Maximum output resolution for Android devices with AOA 2.0 is 48 kHz at 1.6-bit depth (Android 4.1 and later). *3 Connection to computer via USB is supported by Windows Vista, Windows 7, Windows 8, Windows 8.1, OS X Snow Leopard 10.6.4 or later, OS X Lion, OS X Mountain Lion 10.8, and OS X Mavericks 10.9. Functionality with other operating systems is not guaranteed.

C-N7050

Network CD Player

New for 2014



SILVER BLACK



DSD DSD+ DSD++ MP3 WMA vTuner LSC 702MHz/32bit dlna USB RI iPod iPhone

- Plays Audio CD, CD-R, CD-RW, MP3-Encoded CD-R/CD-RW, and WAV-Encoded CD-R/CD-RW
- Gapless Streaming of Native 2.8 MHz DSD/5.6 MHz DSD, 192 kHz/24-bit FLAC and WAV, and 96 kHz/24-bit ALAC Formats
- Control and Stream Audio from Mobile with Onkyo Remote App*2
- iPod/iPhone-Certified Direct-Digital USB Input (Front)
- Includes vTuner Internet Radio Service
- Top-Quality TI Burr-Brown 192 kHz/32-bit DAC (PCM1795 x1)
- Floating 32-bit DSP Engine (DA830 x1)
- 2 USB Inputs (Front and Rear)
- 2 Digital Outputs (Optical and Coaxial)
- 3 Internet Radio Station Memory Presets with vTuner Bookmark Function

CR-N765

Network CD Receiver

New for 2014



SILVER BLACK



DSD DSD+ DSD++ MP3 WMA vTuner LSC 702MHz/32bit dlna DEEZER AUPEO+ +tunein USB RI iPod iPhone

- 22 W/Ch (4 Ω , 1 kHz, 0.4%, 2 Channels Driven, IEC)
- Plays Audio CD, CD-R, and CD-RW
- Playback of Audio Files Through Local Network and USB (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, LPCM, ALAC, 5.6 MHz DSD)
- High-Resolution Gapless Playback Capability (FLAC, WAV, ALAC)
- Three-Stage Inverted Darlington Circuitry
- Symmetrical Power Amplifier Circuit Design
- High-Quality 768 kHz/32-bit Stereo DAC (VERITA AK4490)
- Internet Radio and Music Streaming Service Connectivity*1
- Control and Stream Audio from Mobile with Onkyo Remote App*2
- Front-Panel USB Port for iPod/iPhone or Flash Memory Device
- Discrete Headphone Amplifier
- WHD: 215 x 119 x 331 mm • 5.0 kg

Free HF Player App for iOS Mobiles



Enjoy Premium Audio and Precision Equalization on iOS Devices

- High-precision equalizer (16,384 discrete bands, linear-phase FIR filter)
- Automatic upsampling function
- Crossfade playback option
- Album artwork and song lyric display
- Repeat function (songs within a list)
- Shuffle function (within a list)
- Selectable EQ presets created by musicians for Onkyo headphones

- Easily add songs to playlists and Up Next list

In-App Purchase Options

- Support for high-resolution audio playback
- HD equalizer mode (16,384 discrete bands, 64-bit)
- Playlist-creation function enabled

Supported Formats

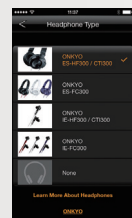
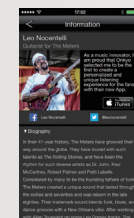
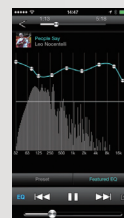
- MP3, ALAC, AAC, WAV, AIFF (up to 48 kHz) files (except for DRM-protected files)

- With HD Player Pack upgrade: FLAC, DSF/DSD-IFF (2.8 MHz/5.6 MHz, PCM conversion, DoP), WAV, AIFF, Ogg-Vorbis (up to 192 kHz)

Note: Audio with a sampling rate exceeding 88.2 kHz output via the iPod touch/iPhone/iPad headphone connection is downsampled to 44.1 kHz.



Note: A version of HF Player for Android is currently in development.



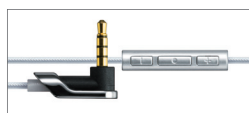
The Ultimate Audio Partner for iOS

ES-CTI300 On-Ear Headphones

SILVER BLACK

- Control iPod nano, iPod shuffle, iPod classic, iPod touch, iPhone, and iPad with Inline Cable Controls*
- Play/Pause, Track Search/Select, and Volume Control Functions
- Accept and Reject Calls at the Touch of a Button
- High-Performance 40 mm 10 Hz–27 kHz Titanium Drivers
- Extra-Large Sub-Chambers for Deep and Musical Bass
- Detachable 6N Oxygen-Free Copper Cable with iOS-Certified Inline Controls and Microphone
- Gold-Plated MMCX Connectors and Reinforced L-Shaped Mini-Stereo Plug
- Premium-Quality Leatherette Earpads

Made for
iPod iPhone iPad



Detachable Headphone Cables with iOS-Certified Inline Remote and Mic

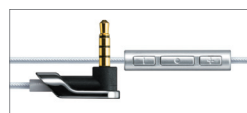


Get Inside the Sound

IE-CTI300 In-Ear Headphones

- Control iPod nano, iPod shuffle, iPod classic, iPod touch, iPhone, and iPad with Inline Cable Controls*
- Play/Pause, Track Search/Select, and Volume Control Functions
- Accept and Reject Calls at the Touch of a Button
- Extra-Large 14.3 mm 15 Hz–22 kHz Drivers for Deep Bass, Clear Mid-Range, and Detailed Treble
- Anti-Resonant Aluminum/ABS Resin Hybrid Body
- Detachable 6N Oxygen-Free Copper Cable with iOS-Certified Inline Controls and Microphone
- Gold-Plated MMCX Connectors and Reinforced L-Shaped Mini-Stereo Plug

Made for
iPod iPhone iPad



Detachable Headphone Cables with iOS-Certified Inline Remote and Mic



Get Serious About Sound Quality

ES-HF300 On-Ear Headphones



- Dynamic 40 mm Titanium Drivers
- Wide 10 Hz–27 kHz Frequency Range
- Sub-Chambers for Deep, Defined Bass
- Aluminum Driver Housing and Hanger Arms
- 6N Oxygen-Free Detachable Copper Cable (1.2 m)
- Gold-Plated MMCX and Mini-Stereo Connectors
- Folding Design for Portability
- Adjustable Padded Headband and Leatherette Earpads



Wide-range 40 mm dynamic driver, bass-reflex enclosure, earpad, aluminum driver housing, and hanger arm



Hear What You've Been Missing

ES-FC300 On-Ear Headphones

RED VIOLET WHITE

- Dynamic 40 mm Titanium Drivers
- Wide 10 Hz–27 kHz Frequency Range
- Sub-Chambers for Deep, Defined Bass
- Aluminum Driver Housing and Hanger Arms
- Tangle-Free, Detachable Flat Elastomer Cable (1.2 m)
- Gold-Plated MMCX and Mini-Stereo Connectors
- Folding Design for Portability
- Adjustable Padded Headband and Leatherette Earpads



Journey Deeper into the Mix

IE-HF300 In-Ear Headphones



- Large 14.3 mm 15 Hz–22 kHz Drivers for Clear, Full-Spectrum Sound
- Aluminum Die-Cast/ABS Resin Hybrid Body
- 6N Oxygen-Free Detachable Copper Cable
- 1.2 m One-Piece Cable Ideal Length for Travel
- Gold-Plated MMCX and Mini-Stereo Connectors
- Comfortable In-Ear Headphone Sleeves for a Secure Fit



Wide-range 14.3 mm dynamic driver, bass-reflex enclosure, earpad, aluminum/ABS hybrid hanger, and MMCX cable connector



Where Performance and Mobility Meet

IE-FC300 In-Ear Headphones

RED VIOLET WHITE

- Large 14.3 mm 15 Hz–22 kHz Drivers for Clear, Full-Spectrum Sound
- Aluminum Die-Cast/ABS Resin Hybrid Body
- Tangle-Free Flat Elastomer Cable (1.2 m)
- Detachable Design Allows for Upgrades or Color Changes
- Gold-Plated MMCX and Mini-Stereo Connectors
- Comfortable In-Ear Headphone Sleeves for a Secure Fit



Gold-Plated
MMCX
Connectors



Wide-Range
Titanium
Drivers
ES-CTI300
ES-HF300
ES-FC300



Sub-Chambers for
Optimized Bass
ES-CTI300
ES-HF300
ES-FC300



Solid
Construction
ES-CTI300
ES-HF300
ES-FC300



Replacement Headphone Cables (Sold Separately)
Cable Length: 1.2 m

High Purity 6N Detachable
Copper-Core
Cable
ES-CTI300
IE-CTI300
IE-HF300
IE-FC300

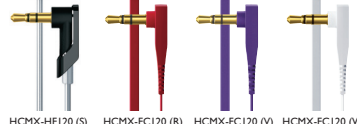
High-Performance
Dynamic
Drivers
IE-CTI300
IE-HF300
IE-FC300



Deep, Well-Controlled
Bass Performance
IE-CTI300
IE-HF300
IE-FC300



Rugged
Construction
IE-CTI300
IE-HF300
IE-FC300



A/V Receivers

SPECIFICATIONS									
	TX-NR3030	TX-NR1030	TX-NR838	TX-NR737	TX-NR636	TX-NR535	TX-SR333	PR-SC5530	TX-NR5010
AMPLIFIER SECTION									
Channels	11.2	9.2	7.2	7.2	7.2	5.2	5.1	11.2 (Pre-Outs Only)	9.2
Power Output All Channels (except for subwoofers)	230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 185 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 185 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	215 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 180 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	185 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 170 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	175 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 160 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	120 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	120 W/Ch (6 Ω, 1 kHz, 1, 1 Channel Driven, JEITA) 100 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	—	280 W/Ch (6 Ω, 1 kHz, 1 Channel Driven,JEITA) 220 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
Dynamic Power	300 W (3 Ω, Front) 250 W (4 Ω, Front) 150 W (8 Ω, Front)	300 W (3 Ω, Front) 250 W (4 Ω, Front) 150 W (8 Ω, Front)	300 W (3 Ω, Front) 250 W (4 Ω, Front) 150 W (8 Ω, Front)	250 W (3 Ω, Front) 220 W (4 Ω, Front) 130 W (8 Ω, Front)	240 W (3 Ω, Front) 210 W (4 Ω, Front) 120 W (8 Ω, Front)	160 W (3 Ω, Front) 125 W (4 Ω, Front) 85 W (8 Ω, Front)	160 W (3 Ω, Front) 125 W (4 Ω, Front) 85 W (8 Ω, Front)	—	400 W (3 Ω, Front) 300 W (4 Ω, Front) 180 W (8 Ω, Front)
THD + N (Total Harmonic Distortion + Noise)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.7 % (20 Hz–20 kHz, Half Power)	0.7 % (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.05% (20 Hz–20 kHz, Rated Power)
Damping Factor	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	60 (Front, 1 kHz, 8 Ω)	—	60 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line)	200 mV/47 kΩ (Line)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)
Rated RCA Output Level and Impedance	200 mV/470 Ω (Pre Out)	200 mV/470 Ω (Pre Out)	200 mV/470 Ω (Line Out)	200 mV/2.2 kΩ (Line Out)	200 mV/2.2 kΩ (Line Out)	200 mV/2.2 kΩ (Line Out)	100 mV/2.2 kΩ (Line Out)	200 mV/470 Ω (Pre Out)	1 V/470 Ω (Pre Out)
Maximum RCA Output Level and Impedance	4.6 V/470 Ω (Pre Out)	4.6 V/470 Ω (Pre Out)	4.6 V/470 Ω (Line Out)	2.0 V/2.2 kΩ (Line Out)	2.0 V/2.2 kΩ (Line Out)	2.0 V/2.2 kΩ (Line Out)	1.0 V/2.2 kΩ (Line Out)	4.6 V/470 Ω (Pre Out)	5.5 V/470 Ω (Pre Out)
Rated XLR Output Level and Impedance	400 mV/470 Ω (Pre Out)	400 mV/470 Ω (Pre Out)	—	—	—	—	—	400 mV/470 Ω (Pre Out)	—
Maximum XLR Output Level and Impedance	9.2 V/470 Ω (Pre Out)	9.2 V/470 Ω (Pre Out)	—	—	—	—	—	9.2 V/470 Ω (Pre Out)	—
Phono Overload	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)	—	—	70 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)
Frequency Response	5 Hz–100 kHz/ +1 dB, -3 dB (Direct Mode)	5 Hz–100 kHz/ +1 dB, -3 dB (Direct Mode)	5 Hz–100 kHz/ +1 dB, -3 dB (Direct Mode)	5 Hz–100 kHz/ +1 dB, -3 dB (Direct Mode)	5 Hz–100 kHz/ +1 dB, -3 dB (Direct Mode)	5 Hz–100 kHz/ +1 dB, -3 dB (Direct Mode)	5 Hz–100 kHz/ +1 dB, -3 dB (Direct Mode)	5 Hz–100 kHz/ +1 dB, -3 dB (Direct Mode)	5 Hz–100 kHz/ +1 dB, -3 dB (Direct Mode)
Tone Control Bass Treble	±10 dB, 50 Hz ±10 dB, 20 kHz	±10 dB, 50 Hz ±10 dB, 20 kHz	±10 dB, 20 Hz ±10 dB, 20 kHz	±10 dB, 30 Hz ±10 dB, 20 kHz	±10 dB, 20 Hz ±10 dB, 20 kHz	±10 dB, 20 Hz ±10 dB, 20 kHz	±10 dB, 20 Hz ±10 dB, 20 kHz	±10 dB, 50 Hz ±10 dB, 20 kHz	±10 dB, 50 Hz ±10 dB, 20 kHz
Signal-to-Noise Ratio	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	106 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	106 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	106 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	100 dB (Line, IHF-A)	100 dB (Line, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)
Speaker Impedance	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	4 Ω–16 Ω or 6 Ω–16 Ω	6 Ω–16 Ω	6 Ω–16 Ω	—	4 Ω–16 Ω or 6 Ω–16 Ω
VIDEO SECTION									
Input Sensitivity/Output Level and Impedance	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pa/Ca, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pa/Ca, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pa/Ca, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pa/Ca, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pa/Ca, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pa/Ca, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pa/Ca, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pa/Ca, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pa/Ca, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)
Component Video Frequency Response	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)	5 Hz–100 MHz (+0 dB, -3 dB)
TUNER SECTION									
Tuning Frequency Range FM AM	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz
Preset Memory	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations	40 Stations
GENERAL									
Power Supply	AC 220–240 V–, 50/60 Hz	AC 220–240 V–, 50/60 Hz	AC 220–240 V–, 50/60 Hz	AC 220–240 V–, 50/60 Hz	AC 220–240 V–, 50/60 Hz	AC 220–240 V–, 50/60 Hz	AC 220–240 V–, 50/60 Hz	AC 220–240 V–, 50/60 Hz	AC 220–240 V–, 50/60 Hz
Power Consumption	1,105 W	955 W	720 W	690 W	630 W	380 W	360 W	60 W	1,160 W
Dimensions (W x H x D)	435 x 199 x 466.5 mm (259 mm antennas up)	435 x 199 x 466.5 mm (259 mm antennas up)	435 x 198.5 x 400 mm (261.2 mm antennas up)	435 x 175 x 379 mm	435 x 173.5 x 329 mm	435 x 150 x 329 mm	435 x 150 x 321 mm	435 x 199 x 461.5 mm (259 mm antennas up)	435 x 198.5 x 463.5 mm
Weight	22.0 kg	20.5 kg	15.5 kg	11.5 kg	10.5 kg	8.1 kg	8.1 kg	14.0 kg	25.0 kg

Integrated Amplifiers

SPECIFICATIONS				
	A-9000R	A-9070	A-9050	A-9030
Power Output	140 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 75 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC)	140 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 75 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC)	75 W/Ch (8 Ω, 1 kHz, 0.08%, 2 Channels Driven, IEC)	65 W/Ch (8 Ω, 1 kHz, 0.08%, 2 Channels Driven, IEC)
Dynamic Power	450 W (1 Ω), 310 W (2 Ω), 230 W (3 Ω), 180 W (4 Ω), 100 W (8 Ω)	450 W (1 Ω), 310 W (2 Ω), 230 W (3 Ω), 180 W (4 Ω), 100 W (8 Ω)	—	—
THD+N (Total Harmonic Distortion + Noise)	0.006% (Half Power) 0.03% (1 kHz, 1 W Output) 0.008% (20 Hz–20 kHz, Half Power) 0.03% (20 Hz–20 kHz, 1 W Output)	0.006% (Half Power) 0.03% (1 kHz, 1 W Output) 0.008% (20 Hz–20 kHz, Half Power) 0.03% (20 Hz–20 kHz, 1 W Output)	0.08% (1 kHz, 1 W Output)	0.08% (1 kHz, 1 W Output)
HiCC	140 A	100 A	—	—
Damping Factor	130 (1 kHz, 8 Ω)	130 (1 kHz, 8 Ω)	60 (1 kHz, 8 Ω)	60 (1 kHz, 8 Ω)
Input Sensitivity and Impedance	150 mV/47 kΩ (Line) 2.25 mV/47 kΩ (Phono MM) 0.18 mV/100 Ω (Phono MC)	150 mV/47 kΩ (Line) 2.25 mV/47 kΩ (Phono MM) 0.18 mV/100 Ω (Phono MC)	175 mV/33 kΩ (Line) 4.8 mV/47 kΩ (Phono MM)	175 mV/33 kΩ (Line) 4.8 mV/47 kΩ (Phono MM)
Rated RCA Output Level and Impedance	1 V/300 Ω (Pre Out)	1 V/300 Ω (Pre Out)	0.175 V/2.2 kΩ (Rec Out)	0.175 V/2.2 kΩ (Rec Out)
Maximum RCA Output Level and Impedance	5 V/300 Ω (Pre Out)	5 V/300 Ω (Pre Out)	—	—
Phono Overload	70 mV (MM, 1 kHz, 0.5%) 5.2 mV (MC, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%) 5.2 mV (MC, 1 kHz, 0.5%)	100 mV (MM, 1 kHz, 0.5%)	100 mV (MM, 1 kHz, 0.5%)
Frequency Response	10 Hz–100 kHz/+0 dB, -1 dB (1 W, Line) 1 Hz–250 kHz/+0 dB, -3 dB (1 W, 8 Ω)	10 Hz–100 kHz/+0 dB, -1 dB (1 W, Line) 1 Hz–250 kHz/+0 dB, -3 dB (1 W, 8 Ω)	10 Hz–100 kHz/+1 dB, -3 dB (Line 1)	10 Hz–100 kHz/+1 dB, -3 dB (Line 1)
Tone Control	±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble)	±10 dB, 80 Hz (Bass) ±10 dB, 10 kHz (Treble)	±14 dB, 100 Hz (Bass) ±14 dB, 10 kHz (Treble) +8 dB, 80 Hz (PM Bass)	±14 dB, 100 Hz (Bass) ±14 dB, 10 kHz (Treble) +8 dB, 80 Hz (PM Bass)
Signal-to-Noise Ratio	107 dB (Line, IHF-A) 60 dB (Phono MM, IHF-A) 70 dB (Phono MC, IHF-A)	107 dB (Line, IHF-A) 60 dB (Phono MM, IHF-A) 70 dB (Phono MC, IHF-A)	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)	105 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)
Speaker Impedance	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B) 8 Ω–16 Ω (A + B)
Power Supply	AC 230 V–, 50 Hz	AC 230 V–, 50 Hz	AC 230 V–, 50 Hz	AC 220–230 V–, 50/60 Hz
Power Consumption	300 W	290 W	160 W	135 W
Standby Power Consumption	0.2 W	0.2 W	0.3 W	0.3 W
Dimensions (W x H x D)	435 x 175 x 435 mm	435 x 174.5 x 431 mm	435 x 139 x 330.3 mm	435 x 139 x 330.3 mm
Weight	18.5 kg	18.1 kg	8.2 kg	7.4 kg

9-Channel Amplifier

SPECIFICATIONS	
	PA-MC5501
Power Output	280 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
Dynamic Power	400 W (3 Ω, Front) 300 W (4 Ω, Front) 180 W (8 Ω, Front)
THD (Total Harmonic Distortion)	0.05% (Rated Power)
Damping Factor	60 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	1 V/47 kΩ (Balanced) 2 V/22 kΩ (Unbalanced)
Frequency Response	5 Hz–100 kHz/+1 dB, -3 dB
Signal-to-Noise Ratio	110 dB (Unbalanced, IHF-A)
Speaker Impedance	4 Ω–16 Ω or 6 Ω–16 Ω
Power Supply	AC 220–240 V–, 50/60 Hz
Power Consumption	1,050 W
Dimensions (W x H x D)	435 x 198.5 x 446.5 mm
Weight	22.0 kg

BD Player

SPECIFICATIONS	
	BD-SP809
Frequency Range (Digital Audio)	4 Hz–88 kHz (192 kHz)
BD	4 Hz–44 kHz (96 kHz),
DVD Linear Sound	4 Hz–22 kHz (48 kHz)
Audio CD	4 Hz–20 kHz (44.1 kHz)
S/N Ratio (Digital Audio)	100 dB
Audio Dynamic Range (Digital Audio)	98 dB
THD (Digital Audio)	0.005% (1 kHz)
Wow and Flutter	Below threshold of measurability
Composite Video Output/Impedance	1.0 Vp-p/75 Ω
Component Video Output/Impedance	Y: 1.0 Vp-p/75 Ω PB/PR: 0.7 Vp-p/75 Ω
Component Video Frequency Response	5 Hz–50 MHz
Audio Output/Impedance	
Digital (Optical)	–22.5 dBm
Digital (Coaxial)	0.5 Vp-p/75 Ω
Analog Audio	2.0 V (rms)/more than 1 kΩ
Power Supply	AC 110–240 V~, 50/60 Hz
Power Consumption	23 W
Dimensions (W x H x D)	435 x 104 x 313 mm
Weight	4.7 kg

Stereo Amplifiers

SPECIFICATIONS		
	M-5000R	P-3000R
Power Output (2-Ch Stereo)	150 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 80 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 2 Channels Driven, IEC) 170 W/Ch (4 Ω, 1 kHz, 1%, 2 Channels Driven, IEC) 100 W/Ch (8 Ω, 1 kHz, 1%, 2 Channels Driven, IEC)	—
Power Output (BTL Mono)	220 W/Ch (4 Ω, 20 Hz–20 kHz, 0.05%, 1 Channel Driven, IEC) 180 W/Ch (8 Ω, 20 Hz–20 kHz, 0.05%, 1 Channel Driven, IEC) 250 W/Ch (4 Ω, 1 kHz, 1%, 1 Channel Driven, IEC) 200 W/Ch (8 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	—
Dynamic Power	460 W (1 Ω), 320 W (2 Ω), 245 W (3 Ω), 196 W (4 Ω), 142 W (6 Ω), 110 W (8 Ω)	—
THD+N (Total Harmonic Distortion + Noise)	0.005% (1 kHz, Half Power) 0.02% (20 Hz–20 kHz, Half Power)	0.005% (20 Hz–20 kHz, Half Power)
Damping Factor	130 (1 kHz, 8 Ω)	—
Input Sensitivity and Impedance	1.4 V/10 kΩ (BTL) 700 mV/10 kΩ (RCA)	200 mV/47 kΩ (Line) 2.7 mV/47 kΩ (Phono MM)
Frequency Response	10 Hz–100 kHz/0 dB, -1 dB (1 W) 1 Hz–250 kHz/-3 dB (1 W/8 Ω)	5 Hz–100 kHz/0 dB, -3 dB (Line)
Signal-to-Noise Ratio	110 dB (RCA, IHF-A)	110 dB (Direct, IHF-A) 80 dB (Phono, MM)
Speaker Impedance	4 Ω–16 Ω 6 Ω–16 Ω (BTL)	—
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz
Power Consumption	280 W	29 W
Dimensions (W x H x D)	435 x 187.5 x 432.5 mm	435 x 99 x 333.1 mm
Weight	23.5 kg	11.0 kg

Stereo Receivers

SPECIFICATIONS			
	TX-8050	TX-8030	TX-8020
Power Output	130 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	130 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)	90 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
Dynamic Power	180 W/Ch (3 Ω) 160 W/Ch (4 Ω) 100 W/Ch (8 Ω)	180 W/Ch (3 Ω) 160 W/Ch (4 Ω) 100 W/Ch (8 Ω)	180 W/Ch (3 Ω) 160 W/Ch (4 Ω) 100 W/Ch (8 Ω)
THD+N (Total Harmonic Distortion + Noise)	0.08% (20 Hz–20 kHz, Half Power)	0.08% (20 Hz–20 kHz, Half Power)	0.03% (20 Hz–20 kHz, Half Power)
Damping Factor	60 (1 kHz, 8 Ω)	60 (1 kHz, 8 Ω)	60 (1 kHz, 8 Ω)
Input Sensitivity and Impedance	200 mV/47 kΩ Line Phono MM	200 mV/47 kΩ 2.5 mV/47 kΩ	200 mV/47 kΩ 2.5 mV/47 kΩ
Rated RCA Output Level and Impedance	200 mV/2.2 kΩ (Rec Out)	200 mV/2.2 kΩ (Rec Out)	200 mV/2.2 kΩ (Rec Out)
Maximum RCA Output Level and Impedance	2.0 V/2.2 kΩ (Rec Out)	2.0 V/2.2 kΩ (Rec Out)	2.0 V/2.2 kΩ (Rec Out)
Phono Overload	60 mV (MM, 1 kHz, 0.5%)	60 mV (MM, 1 kHz, 0.5%)	70 mV (MM, 1 kHz, 0.5%)
Frequency Response	5 Hz–100 kHz (+1 dB, -3 dB)	5 Hz–100 kHz (+1 dB, -3 dB)	10 Hz–100 kHz (+1 dB, -3 dB)
Tone Control	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)	±10 dB, 50 Hz (Bass) ±10 dB, 20 kHz (Treble)	±11 dB, 100 Hz (Bass) ±11 dB, 10 kHz (Treble)
Signal-to-Noise Ratio	106 dB (IHF-A, Line) 80 dB (IHF-A, Phono MM)	106 dB (IHF-A, Line) 80 dB (IHF-A, Phono MM)	100 dB (IHF-A, Line) 80 dB (IHF-A, Phono MM)
Speaker Impedance	4 Ω–16 Ω (A or B), 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B), 8 Ω–16 Ω (A + B)	4 Ω–16 Ω (A or B), 8 Ω–16 Ω (A + B)
Video Input Sensitivity/Output Level and Impedance	1.0 Vp-p/75 Ω (Composite)	1.0 Vp-p/75 Ω (Composite)	—
Tuning Frequency Range	FM 87.5 MHz–108 MHz AM 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz	87.5 MHz–108 MHz 522 kHz–1,611 kHz
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz
Power Consumption	295 W	278 W	170 W
Dimensions (W x H x D)	435 x 149.5 x 328 mm	435 x 149.5 x 328 mm	435 x 150 x 328.5 mm
Weight	8.8 kg	8.8 kg	7.3 kg

CD Players

SPECIFICATIONS				
	C-7000R	C-7070	C-7030	C-N7050
Frequency Response	2 Hz–20 kHz	2 Hz–20 kHz	4 Hz–20 kHz	10 Hz–70 kHz
Signal-to-Noise Ratio	116 dB	116 dB	107 dB	115 dB
Dynamic Range	100 dB	100 dB	100 dB	108 dB
THD (Total Harmonic Distortion)	0.0015%	0.0025%	0.0029%	0.003%
Power Supply	AC 230 V~, 50 Hz	AC 230 V~, 50 Hz	AC 220–240 V~, 50/60 Hz	AC 220–240 V~, 50 Hz
Power Consumption	18 W	23 W	12 W	30 W
Dimensions (W x H x D)	435 x 99 x 315.2 mm	435 x 101 x 306 mm	435 x 101 x 306 mm	435 x 102 x 302 mm
Weight	12.0 kg	6.4 kg	5.3 kg	4.6 kg

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